

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Lawrence E. Pado Attorney Docket No. BOEI-1-1175

Serial No.:

10/653,010

Group Art Unit: ...

2125

Filing Date: August 28, 2003

Examiner:

Title:

NEURAL NETWORK PREDICTIVE CONTROL COST FUNCTION

DESIGNER

TRANSMITTAL LETTER FOR INFORMATION DISCLOSURE STATEMENT TO THE COMMISSIONER OF PATENTS:

Pursuant to 37 C.F.R. § 1.56 and in accordance with 37 C.F.R. §§1.97-1.98, information related to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 C.F.R. § 1.56(b).

In accordance with §1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, within three months of the date of entry into the national stage of the above identified application as set forth in §1.491, or before the mailing date of a first Office Action on the merits of the above-identified application, no additional fee is required.

Copies of references listed on the attached Form PTO/SB/08 are enclosed herewith, along with a return receipt postcard.

Respectfully submitted,

BLACK LOWE & GRAHAMPLLC

Frank J. Bozzo Registration No. 36,756

Direct Dial: 206.957.2483

BLACK LOWE & GRAHAM ~~

CUSTOMER NUMBER

- 1 -

701 Fifth Avenue, Suire 4800 Seattle, Washington 98104 206,381,3300 • F: 206,381,3301



MAIL CERTIFICATE

I hereby certify that this communication is being deposited with the United States Postal Service via first class mail under 37 C.F.R. § 1.08 on the date indicated below addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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BOEI-1-1175TL02

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

of Sheet

Complete if Known			
Application Number	10/653,010		
Filing Date	August 28, 2003		
First Named Inventor	Lawrence E. Pado		
Art Unit	2125		
Examiner Name			
Attorney Docket Number	BOEI-1-1175		

			U.S. PATE	NT DOCUMENTS	
Examiner Initials	Cite No. ¹	Document Number Number - Kind Code ² (if known	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	U1	US- 6,185,470	02-06-2001	Pado et al.	
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	FOREIGN PATENT DOCUMENTS					
Examiner Initials	Cite No.1	Foreign Patent Document Country Code 3 - Number 4 - Kind Code 5 (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T 6
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Examiner	Date	
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Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uscto.com or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08B (10-01)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary) of Sheet 2

Complete if Known				
Application Number	10/653,010			
Filing Date	August 28, 2003			
First Named Inventor	August 28, 2003 Lawrence E. Pado			
Group Art Unit	2125			
Examiner Name				
Attorney Docket Number	BOEI-1-1175			

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Т2
	01	PADO, L.E., and DAMLE, R.R., "Predictive Neuro Control of Vibration in Smart Structures," Proceedings of the SPIE 1996 Symposium on Smart Structures and Materials, 1996, 9 pgs., San Diego, CA.	
	O2	LICHTENWALNER, P.F., LITTLE, G.R., PADO, L.E., and SCOTT, R.C., "Adaptive Neural Control for Active Flutter Suppression," Proceedings of the ASME Fluids Engineering Division ASME, November 1996, 6 pgs., FED-Vol. 242, Atlanta, GA.	
	03	PADO, L.E., LICHTENWALNER, P.F., LIGUORE, S. L., DROUIN, D., "NEURAL PREDICTIVE CONTROL FOR ACTIVE BUFFET ALLEVIATION," Proceedings of the SPIE Symposium on Smart Structures and Materials, 1998, 12 pgs., Vol. 3326, San Diego, CA.	
	04	PADO, L.E., and LICHTENWALNER, P.F., "Neural Predictive Control for Active Buffet Alleviation," Proceedings of the 40th AIAA Structures, Structural Dynamics, and Materials Conference, April 1999, pgs. 1043-1053, Copyright © 1999 by The Boeing Company, Published by the American Institute of Aeronautics and Astronautics, Inc., St. Louis, MO.	
•••••	O5	SCOTT, R.C., "Active Control of Wind-Tunnel Model Aeroelastic Response Using Neural Networks," Journal of Guidance, Control, and Dynamics, November-December 2000, pgs. 1100-1108, Vol. 23, No. 6.	
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Examiner	Date	
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